

12 ANSWER 1 OF 15 CA COPYRIGHT 1999 ACS
ACCESSION NUMBER: 128:39396 CA
TITLE: Nail enamel compositions containing polymers
INVENTOR(S): Pagano, Frank C.; Patil, Anjali A.; Sandewicz, Robert
W.; Anton, Waifong L.; Spinelli, Harry J.
PATENT ASSIGNEE(S): Revlon Consumer Products Corporation, USA
SOURCE: PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 9742930 A1 19971120 WO 97-US7858 19970509
W: AU, CA, JP
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE
US 5772988 A 19980630 US 96-646676 19960510
CA 2226567 AA 19971120 CA 97-2226567 19970509
AU 9730620 A1 19971205 AU 97-30620 19970509
EP 845973 A1 19980610 EP 97-925495 19970509
R: CH, DE, ES, FR, GB, IT, LI
PRIORITY APPLN. INFO.: US 96-646676 19960510
WO 97-US7858 19970509

L12 ANSWER 2 OF 15 CA COPYRIGHT 1999 ACS
ACCESSION NUMBER: 122:142044 CA
TITLE: Cosmetic film-forming compositions which are
freeze-thaw stable
INVENTOR(S): Dobbs, Suzanne W.
PATENT ASSIGNEE(S): Eastman Chemical Company, USA
SOURCE: U.S., 11 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

US 5380520 A 19950110 US 93-114854 19930902
WO 9506454 A1 19950309 WO 94-US9433 19940822
W: AU, CA, JP
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
CA 2170406 AA 19950309 CA 94-2170406 19940822
AU 9476718 A1 19950322 AU 94-76718 19940822
AU 676380 B2 19970306
EP 716590 A1 19960619 EP 94-927200 19940822
EP 716590 B1 19981111
R: DE, ES, FR, GB, IT, PT
JP 09502180 T2 19970304 JP 94-508158 19940822
PRIORITY APPLN. INFO.: US 93-114854 19930902
WO 94-US9433 19940822

L12 ANSWER 3 OF 15 CA COPYRIGHT 1999 ACS
ACCESSION NUMBER: 120:116488 CA
TITLE: Nail polishes with sulfonate-containing

polyesters
 INVENTOR(S): Myers, Garry L.; Hiller, John J.; Jenkins, Waylon L.;
 Minga, Robin L.; Nottingham, W. D.; Dobbs, Suzanne
 W.;
 Marsh, Stacey J.; Moody, Keith M.
 PATENT ASSIGNEE(S): Eastman Kodak Co., USA
 SOURCE: U.S., 7 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5266322	A	19931130	US 92-890419	19920529
WO 9324098	A1	19931209	WO 93-US4722	19930517
W: AU, CA, JP, KR				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9343812	A1	19931230	AU 93-43812	19930517
AU 667928	B2	19960418		
EP 641188	A1	19950308	EP 93-913974	19930517
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08503687	T2	19960423	JP 93-500609	19930517
PRIORITY APPLN. INFO.:			US 92-890419	19920529
			WO 93-US4722	19930517

L12 ANSWER 4 OF 15 CAPLUS COPYRIGHT 1999 ACS
 ACCESSION NUMBER: 1997:752823 CAPLUS
 DOCUMENT NUMBER: 128:39396
 TITLE: **Nail** enamel compositions containing polymers
 INVENTOR(S): Pagano, Frank C.; Patil, Anjali A.; Sandewicz, Robert
 W.; Anton, Waifong L.; Spinelli, Harry J.
 PATENT ASSIGNEE(S): Revlon Consumer Products Corporation, USA
 SOURCE: PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9742930	A1	19971120	WO 97-US7858	19970509
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5772988	A	19980630	US 96-646676	19960510
CA 2226567	AA	19971120	CA 97-2226567	19970509
AU 9730620	A1	19971205	AU 97-30620	19970509
EP 845973	A1	19980610	EP 97-925495	19970509
R: CH, DE, ES, FR, GB, IT, LI				
PRIORITY APPLN. INFO.:			US 96-646676	19960510
			WO 97-US7858	19970509

L12 ANSWER 5 OF 15 CAPLUS COPYRIGHT 1999 ACS
 ACCESSION NUMBER: 1995:354623 CAPLUS
 DOCUMENT NUMBER: 122:142044
 TITLE: Cosmetic film-forming compositions which are
 freeze-thaw stable
 INVENTOR(S): Dobbs, Suzanne W.
 PATENT ASSIGNEE(S): Eastman Chemical Company, USA
 SOURCE: U.S., 11 pp.
 CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5380520	A	19950110	US 93-114854	19930902
WO 9506454	A1	19950309	WO 94-US9433	19940822
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2170406	AA	19950309	CA 94-2170406	19940822
AU 9476718	A1	19950322	AU 94-76718	19940822
AU 676380	B2	19970306		
EP 716590	A1	19960619	EP 94-927200	19940822
EP 716590	B1	19981111		
R: DE, ES, FR, GB, IT, PT				
JP 09502180	T2	19970304	JP 94-508158	19940822
PRIORITY APPLN. INFO.:				
			US 93-114854	19930902
			WO 94-US9433	19940822

L12 ANSWER 6 OF 15 CAPLUS COPYRIGHT 1999 ACS

ACCESSION NUMBER: 1994:116488 CAPLUS

DOCUMENT NUMBER: 120:116488

TITLE: **Nail** polishes with sulfonate-containing polyesters

INVENTOR(S): Myers, Garry L.; Hiller, John J.; Jenkins, Waylon L.; Minga, Robin L.; Nottingham, W. D.; Dobbs, Suzanne

W.;

PATENT ASSIGNEE(S): Marsh, Stacey J.; Moody, Keith M.

SOURCE: Eastman Kodak Co., USA

U.S., 7 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5266322	A	19931130	US 92-890419	19920529
WO 9324098	A1	19931209	WO 93-US4722	19930517
W: AU, CA, JP, KR				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9343812	A1	19931230	AU 93-43812	19930517
AU 667928	B2	19960418		
EP 641188	A1	19950308	EP 93-913974	19930517
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08503687	T2	19960423	JP 93-500609	19930517
PRIORITY APPLN. INFO.:				
			US 92-890419	19920529
			WO 93-US4722	19930517

L12 ANSWER 7 OF 15 TOXLIT

ACCESSION NUMBER: 1998:17021 TOXLIT

DOCUMENT NUMBER: CA-128-039396V

TITLE: **Nail** enamel compositions containing polymers.

AUTHOR: Pagano FC; Patil AA; Sandewicz RW; Anton WL; Spinelli HJ
SOURCE: (1997). PCT Int. Appl. PATENT NO. 9742930 11/20/1997
(Revlon Consumer Products Corporation).

CODEN: PIXXD2.

PUB. COUNTRY: UNITED STATES

DOCUMENT TYPE: Patent

FILE SEGMENT: CA

LANGUAGE: English

OTHER SOURCE: CA 128:39396
ENTRY MONTH: 199804

L12 ANSWER 8 OF 15 TOXLIT
ACCESSION NUMBER: 1995:43050 TOXLIT
DOCUMENT NUMBER: CA-122-142044D
TITLE: Cosmetic film-forming compositions which are freeze-thaw stable.
AUTHOR: Dobbs SW
SOURCE: (1995). U.S. PATENT NO. 5380520 01/10/95 (Eastman Chemical Company).
PUB. COUNTRY: United States
DOCUMENT TYPE: Patent
FILE SEGMENT: CA
LANGUAGE: English
OTHER SOURCE: CA 122:142044
ENTRY MONTH: 199504

L12 ANSWER 9 OF 15 TOXLIT
ACCESSION NUMBER: 1994:39555 TOXLIT
DOCUMENT NUMBER: CA-120-116488R
TITLE: **Nail** polishes with sulfonate-containing polyesters.
AUTHOR: Myers GL; Hiller JJ; Jenkins WL; Minga RL; Nottingham WD; Dobbs SW; Marsh SJ; Moody KM
SOURCE: (1993). U.S. PATENT NO. 5266322 11/30/93 (Eastman Kodak Co.).
PUB. COUNTRY: United States
DOCUMENT TYPE: Patent
FILE SEGMENT: CA
LANGUAGE: English
OTHER SOURCE: CA 120:116488
ENTRY MONTH: 199405

L12 ANSWER 10 OF 15 USPATFULL
ACCESSION NUMBER: 1998:75147 USPATFULL
TITLE: **Nail** enamel compositions from acetoacetoxy methacrylate copolymer
INVENTOR(S): Pagano, Frank Charles, Avenel, NJ, United States
Patil, Anjali Abhimanyu, Westfield, NJ, United States
Sandewicz, Robert Walter, Spotswood, NJ, United States
Anton, Waifong Liew, Wilmington, DE, United States
Spinelli, Harry Joseph, Wilmington, DE, United States
PATENT ASSIGNEE(S): Revlon Consumer Products Corporation, New York, NY, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5772988	19980630
APPLICATION INFO.:	US 96-646676	19960510 (8)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Howard, S.	
LEGAL REPRESENTATIVE:	Blackburn, Julie	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
LINE COUNT:	912	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 11 OF 15 USPATFULL
ACCESSION NUMBER: 1998:47948 USPATFULL
TITLE: Nitrocellulose-free aqueous **nail** polish compositions
INVENTOR(S): Valenty, Vivian B., Tempe, AZ, United States
PATENT ASSIGNEE(S): VB Cosmetics Inc., Chandler, AZ, United States (U.S.)

corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5747018	19980505
APPLICATION INFO.:	US 96-728152	19961009 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 95-415143, filed on 29 Mar 1995, now abandoned which is a continuation of Ser. No. US 93-114502, filed on 31 Aug 1993, now abandoned	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Harrison, Robert H.	
LEGAL REPRESENTATIVE:	Durando, Antonio R.; Weiss, Harry M.	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	579	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 12 OF 15 USPATFULL

ACCESSION NUMBER: 1998:14463 USPATFULL

TITLE: Aqueous **na**il polish compositions containing acrylic resins crosslinked with acrylated urethane oligomers

INVENTOR(S): Chen, Robert Gowsheng, Kingsport, TN, United States
Hutchins, David Lee, Kingsport, TN, United States

PATENT ASSIGNEE(S): Eastman Chemical Company, Kingsport, TN, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5716603	19980210
APPLICATION INFO.:	US 95-550266	19951030 (8)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Gardner-Lane, Sally	
LEGAL REPRESENTATIVE:	Griffis, Andrew B.; Gwinnell, Harry J.	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	718	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 13 OF 15 USPATFULL

ACCESSION NUMBER: 95:3639 USPATFULL

TITLE: Cosmetic film forming compositions which are freeze-thaw stable

INVENTOR(S): Dobbs, Suzanne W., Kingsport, TN, United States

PATENT ASSIGNEE(S): Eastman Chemical Company, Kingsport, TN, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5380520	19950110
APPLICATION INFO.:	US 93-114854	19930902 (8)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Phelan, D. Gabrielle	
ASSISTANT EXAMINER:	Kulkosky, Peter F.	
LEGAL REPRESENTATIVE:	Thallemer, John D.	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	894	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 14 OF 15 USPATFULL

ACCESSION NUMBER: 94:57857 USPATFULL

TITLE: High-gloss latex paints and polymeric compositions for

INVENTOR(S): use therein
Biale, John, Anaheim, CA, United States
PATENT ASSIGNEE(S): Rohm and Haas Company, Philadelphia, PA, United States
(U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5326814	19940705
APPLICATION INFO.:	US 91-785463	19911031 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 89-363492, filed on 8 Jun 1989, now patented, Pat. No. US 5084505, issued on 28 Jan 1992 And a continuation-in-part of Ser. No. US 91-722360, filed on 19 Jun 1991, now patented, Pat. No. US 5173534, issued on 22 Dec 1992 which is a continuation of Ser. No. US 89-303805, filed on 30 Jan 1989, now abandoned	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Schofer, Joseph L.	
ASSISTANT EXAMINER:	Smith, Jeffrey T.	
LEGAL REPRESENTATIVE:	Taylor, Wendy A.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	761	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 15 OF 15 USPATFULL
ACCESSION NUMBER: 93:100498 USPATFULL
TITLE: Cosmetic film forming compositions
INVENTOR(S): Myers, Garry L., Kingsport, TN, United States
Hiller, John J., Kingsport, TN, United States
Jenkins, Waylon L., Kingsport, TN, United States
Minga, Robin L., Blountville, TN, United States
Nottingham, W. D., Kingsport, TN, United States
Dobbs, Suzanne W., Kingsport, TN, United States
Marsh, Stacey J., Church Hill, TN, United States
Moody, Keith M., Kingsport, TN, United States
PATENT ASSIGNEE(S): Eastman Kodak Company, Rochester, NY, United States
(U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5266322	19931130
APPLICATION INFO.:	US 92-890419	19920529 (7)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Kishore, G. S.	
LEGAL REPRESENTATIVE:	Thallemer, John D.; Heath, Jr., William P.	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
LINE COUNT:	502	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 15:19:54 ON 25 MAY 1999)

L13 ANSWER 1 OF 2 CA COPYRIGHT 1999 ACS
 ACCESSION NUMBER: 115:233416 CA
 TITLE: Comparison of water sorption by methacrylate and dimethacrylate monomers and their corresponding polymers
 AUTHOR(S): Kalachandra, S.; Kusy, R. P.
 CORPORATE SOURCE: Dent. Res. Cent., Univ. North Carolina, Chapel Hill, NC, 27599-7455, USA
 SOURCE: Polymer (1991), 32(13), 2428-34
 CODEN: POLMAG; ISSN: 0032-3861
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 1999 ACS
 ACCESSION NUMBER: 1991:633416 CAPLUS
 DOCUMENT NUMBER: 115:233416
 TITLE: Comparison of water sorption by methacrylate and dimethacrylate monomers and their corresponding polymers
 AUTHOR(S): Kalachandra, S.; Kusy, R. P.
 CORPORATE SOURCE: Dent. Res. Cent., Univ. North Carolina, Chapel Hill, NC, 27599-7455, USA
 SOURCE: Polymer (1991), 32(13), 2428-34
 CODEN: POLMAG; ISSN: 0032-3861
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> d kwic 1-2

L13 ANSWER 1 OF 2 CA COPYRIGHT 1999 ACS
 IT 9003-42-3, Ethyl methacrylate homopolymer 9003-63-8 9011-14-7, PMMA 9011-15-8, Isobutyl methacrylate homopolymer 25087-17-6 25101-18-2, Diethylene glycol dimethacrylate homopolymer 25101-31-9, Triethylene glycol dimethacrylate homopolymer **25101-32-0**, Tetraethylene glycol dimethacrylate homopolymer 25189-00-8, tert-Butyl methacrylate homopolymer 25609-74-9 25639-21-8 25721-76-0, Ethylene glycol dimethacrylate homopolymer 26426-04-0, Trimethylol propane trimethacrylate homopolymer 26655-94-7 29320-53-4 30619-19-3 30757-19-8 37200-12-7 41630-11-9 64696-13-5
 RL: PEP (Physical, engineering or chemical process); PROC (Process) (water sorption by, in comparison with corresponding monomer)
 IT 80-62-6, Methyl methacrylate **97-63-2**, Ethyl methacrylate 97-86-9, Isobutyl methacrylate 97-88-1, n-Butyl methacrylate 97-90-5, Ethylene glycol dimethacrylate 109-16-0, Triethylene glycol dimethacrylate 109-17-1, Tetraethylene glycol dimethacrylate 142-09-6,
 n-Hexyl methacrylate 585-07-9, tert-Butyl methacrylate 1565-94-2 1985-51-9, Neopentyl glycol dimethacrylate 2210-28-8, n-Propyl methacrylate 2358-84-1, Diethylene glycol dimethacrylate 2495-25-2 3179-47-3, n-Decyl methacrylate 3290-92-4, Trimethylol propane trimethacrylate 4655-34-9, Isopropyl methacrylate 29964-84-9,
 Isodecyl methacrylate 32360-05-7 41637-38-1, Ethoxylated bisphenol A dimethacrylate
 RL: PEP (Physical, engineering or chemical process); PROC (Process) (water sorption by, in comparison with corresponding polymer)

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 1999 ACS

IT 9003-42-3, Ethyl methacrylate homopolymer 9003-63-8 9011-14-7, PMMA
9011-15-8, Isobutyl methacrylate homopolymer 25087-17-6 25101-18-2,
Diethylene glycol dimethacrylate homopolymer 25101-31-9, Triethylene
glycol dimethacrylate homopolymer **25101-32-0**, Tetraethylene
glycol dimethacrylate homopolymer 25189-00-8, tert-Butyl methacrylate
homopolymer 25609-74-9 25639-21-8 25721-76-0, Ethylene glycol
dimethacrylate homopolymer 26426-04-0, Trimethylol propane
trimethacrylate homopolymer 26655-94-7 29320-53-4 30619-19-3
30757-19-8 37200-12-7 41630-11-9 64696-13-5
RL: PEP (Physical, engineering or chemical process); PROC (Process)
(water sorption by, in comparison with corresponding monomer)

IT 80-62-6, Methyl methacrylate **97-63-2**, Ethyl methacrylate
97-86-9, Isobutyl methacrylate 97-88-1, n-Butyl methacrylate 97-90-5,
Ethylene glycol dimethacrylate 109-16-0, Triethylene glycol
dimethacrylate 109-17-1, Tetraethylene glycol dimethacrylate
142-09-6,
n-Hexyl methacrylate 585-07-9, tert-Butyl methacrylate 1565-94-2
1985-51-9, Neopentyl glycol dimethacrylate 2210-28-8, n-Propyl
methacrylate 2358-84-1, Diethylene glycol dimethacrylate 2495-25-2
3179-47-3, n-Decyl methacrylate 3290-92-4, Trimethylol propane
trimethacrylate 4655-34-9, Isopropyl methacrylate 29964-84-9,
Isodecyl
methacrylate 32360-05-7 41637-38-1, Ethoxylated bisphenol A
dimethacrylate
RL: PEP (Physical, engineering or chemical process); PROC (Process)

9 ANSWER 1 OF 4 CA COPYRIGHT 1999 ACS

TI Analysis of paint-on ***artificial*** ***nails***

AB . . . with a slippery feel. IR and NMR spectra showed that the major constituents of the powders were poly(Me methacrylate) [9011-14-7],

poly(

Et ***methacrylate***) [9003-42-3], and ***Et*** ***methacrylate*** -Me methacrylate copolymer [25685-29-4]. The only initiator found in the powders was Bz2O2 [94-36-0]. The ***plasticizers*** included di-Et phthalate [84-66-2], di-Bu phthalate [84-74-2], and methylphthalylethyl glycolate [85-71-2]. CH2Cl2-insol. materials and residues from thermogravimetric anal. allowed identification. . . and with 1 exception all had pronounced methacrylate ester odor, and were of low to moderate viscosity. Most products contained N,N-dimethyl-p- ***toluidine*** [99-97-8], some contained p-tolyliminodiethanol [3077-12-1]. Minor constituents, including accelerators, ***plasticizers*** , pigments, and dyes, also were identified.

IT 67-64-1, analysis 68-12-2, analysis 75-09-2, analysis 78-93-3, analysis 80-62-6 84-66-2 84-74-2 85-71-2 94-36-0, analysis ***97-63-2*** 97-86-9 97-88-1 97-90-5 99-97-8 100-42-5, analysis 109-16-0 121-69-7, analysis 123-92-2 128-37-0, analysis 131-11-3 1338-23-4 2370-63-0 2455-24-5 3077-12-1 3290-92-4 7631-86-9, analysis 9003-42-3 9011-14-7 13463-67-7, analysis 25685-29-4 26700-90-3

RL: ANT (Analyte); ANST (Analytical study)

(detn. of, in artificial fingernail paint-on formulations)

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 1999 ACS

TI Analysis of paint-on ***artificial*** ***nails***

AB . . . with a slippery feel. IR and NMR spectra showed that the major constituents of the powders were poly(Me methacrylate) [9011-14-7],

poly(

Et ***methacrylate***) [9003-42-3], and ***Et*** ***methacrylate*** -Me methacrylate copolymer [25685-29-4]. The only initiator found in the powders was Bz2O2 [94-36-0]. The ***plasticizers*** included di-Et phthalate [84-66-2], di-Bu phthalate [84-74-2], and methylphthalylethyl glycolate [85-71-2]. CH2Cl2-insol. materials and residues from thermogravimetric anal. allowed identification. . . and with 1 exception all had pronounced methacrylate ester odor, and were of low to moderate viscosity. Most products contained N,N-dimethyl-p- ***toluidine*** [99-97-8], some contained p-tolyliminodiethanol [3077-12-1]. Minor constituents, including accelerators, ***plasticizers*** , pigments, and dyes, also were identified.

IT 67-64-1, analysis 68-12-2, analysis 75-09-2, analysis 78-93-3, analysis 80-62-6 84-66-2 84-74-2 85-71-2 94-36-0, analysis ***97-63-2*** 97-86-9 97-88-1 97-90-5 99-97-8 100-42-5, analysis 109-16-0 121-69-7, analysis 123-92-2 128-37-0, analysis 131-11-3 1338-23-4 2370-63-0 2455-24-5 3077-12-1 3290-92-4 7631-86-9, analysis 9003-42-3 9011-14-7 13463-67-7, analysis 25685-29-4 26700-90-3

RL: ANT (Analyte); ANST (Analytical study)

(detn. of, in artificial fingernail paint-on formulations)

L9 ANSWER 1 OF 4 CA COPYRIGHT 1999 ACS
 ACCESSION NUMBER: 97:11632 CA
 TITLE: Analysis of paint-on **artificial**
nails
 AUTHOR(S): Fuller, Martin
 CORPORATE SOURCE: Lee Pharm., South El Monte, CA, 91733, USA
 SOURCE: J. Soc. Cosmet. Chem. (1982), 33(2), 51-74
 CODEN: JSCCA5; ISSN: 0037-9832
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 1999 ACS
 ACCESSION NUMBER: 1982:411632 CAPLUS
 DOCUMENT NUMBER: 97:11632
 TITLE: Analysis of paint-on **artificial**
nails
 AUTHOR(S): Fuller, Martin
 CORPORATE SOURCE: Lee Pharm., South El Monte, CA, 91733, USA
 SOURCE: J. Soc. Cosmet. Chem. (1982), 33(2), 51-74
 CODEN: JSCCA5; ISSN: 0037-9832
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L9 ANSWER 3 OF 4 USPATFULL
 ACCESSION NUMBER: 1998:134606 USPATFULL
 TITLE: Pigmented artificial acrylic fingernail
 INVENTOR(S): Beaver, Janet K., 303 W. Wallace, San Saba, TX, United States 76877

	NUMBER	DATE
PATENT INFORMATION:	US 5830442	19981103
APPLICATION INFO.:	US 96-763114	19961210 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 94-353283, filed on	
	5 Dec 1994, now abandoned which is a continuation-in-part of Ser. No. US 93-75384, filed on 14 Jun 1993, now abandoned	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Venkat, Jyothsna	
LEGAL REPRESENTATIVE:	Kent, Esq., Evan M. Russ, August & Kabat	
NUMBER OF CLAIMS:	46	
EXEMPLARY CLAIM:	1	
LINE COUNT:	833	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L9 ANSWER 4 OF 4 USPATFULL
 ACCESSION NUMBER: 92:54585 USPATFULL
 TITLE: Scuptured nails
 INVENTOR(S): Mast, Rolf, Chino, CA, United States
 Taub, Margot, Long Beach, CA, United States
 Schmidt, Kris, El Monte, CA, United States
 PATENT ASSIGNEE(S): Lee Pharmaceuticals, Inc., South El Monte, CA, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5127414	19920707
APPLICATION INFO.:	US 87-82836	19870806 (7)

DOCUMENT TYPE: Utility
PRIMARY EXAMINER: Millin, Vincent
LEGAL REPRESENTATIVE: Mueth, Joseph E.
NUMBER OF CLAIMS: 38
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 454

L14 ANSWER 1 OF 3 CA COPYRIGHT 1999 ACS
 ACCESSION NUMBER: 97:11632 CA
 TITLE: Analysis of paint-on **artificial**
nails
 AUTHOR(S): Fuller, Martin
 CORPORATE SOURCE: Lee Pharm., South El Monte, CA, 91733, USA
 SOURCE: J. Soc. Cosmet. Chem. (1982), 33(2), 51-74
 CODEN: JSCCA5; ISSN: 0037-9832
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 1999 ACS
 ACCESSION NUMBER: 1982:411632 CAPLUS
 DOCUMENT NUMBER: 97:11632
 TITLE: Analysis of paint-on **artificial**
nails
 AUTHOR(S): Fuller, Martin
 CORPORATE SOURCE: Lee Pharm., South El Monte, CA, 91733, USA
 SOURCE: J. Soc. Cosmet. Chem. (1982), 33(2), 51-74
 CODEN: JSCCA5; ISSN: 0037-9832
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L14 ANSWER 3 OF 3 USPATFULL
 ACCESSION NUMBER: 1998:134606 USPATFULL
 TITLE: Pigmented artificial acrylic fingernail
 INVENTOR(S): Beaver, Janet K., 303 W. Wallace, San Saba, TX, United
 States 76877

	NUMBER	DATE
	-----	-----
PATENT INFORMATION:	US 5830442	19981103
APPLICATION INFO.:	US 96-763114	19961210 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 94-353283, filed on 5 Dec 1994, now abandoned which is a continuation-in-part of Ser. No. US 93-75384, filed on 14 Jun 1993, now abandoned	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Venkat, Jyothsna	
LEGAL REPRESENTATIVE:	Kent, Esq., Evan M. Russ, August & Kabat	
NUMBER OF CLAIMS:	46	
EXEMPLARY CLAIM:	1	
LINE COUNT:	833	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

7

CCESSION NUMBER: 92:54585 USPATFULL
TITLE: Sulptured nails
INVENTOR(S): Mast, Rolf, Chino, CA, United States
Taub, Margot, Long Beach, CA, United States
Schmidt, Kris, El Monte, CA, United States
PATENT ASSIGNEE(S): Lee Pharmaceuticals, Inc., South El Monte, CA, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5127414	19920707
APPLICATION INFO.:	US 87-82836	19870806 (7)
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Millin, Vincent	
LEGAL REPRESENTATIVE:	Mueth, Joseph E.	
NUMBER OF CLAIMS:	38	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	454	
DETD	. . . of dyestuffs, minor additions of non-acrylic or high molecular weight acrylic monomers to act as modifiers of physical properties, inert plasticizers , and the addition of minor amounts of materials to further speed reaction times, and/or increase substrate adhesion. For instance, methacrylic. . .	
DETD	. . . the range of 1 part liquid: 2 parts powder if they contain the more volatile and toxic acrylic monomers like ethyl methacrylate , and mixing ratios in the range of 1 part liquid: 1 part powder going to 1 part liquid: 2 parts. . .	
DETD	. . . methacrylate	
	.sup.2 polymethyl/polyethylmethacrylate copolymer	
	.sup.3 diethyleneglycol dimethacrylate	
	.sup.4 Aristowax 125 from Union Oil	
	.sup.5 Aristowax 165 from Union Oil	
	.sup.6 N,Nbis(2-hydroxyethyl)-p- toluidine	
DETD	.	

EXAMINER'S CASE ACTION WORKSHEET

Application No. <div style="text-align: center;">09/037,128</div>		Legal Instrument Examiner
--	---	---------------------------

CHECK TYPE OF ACTION

DATE OF COUNT _____

<input type="checkbox"/> Non-Final Rejection	<input type="checkbox"/> Restriction/ Election Only	<input checked="" type="checkbox"/> Final Rejection
<input type="checkbox"/> Ex Parte Quayle	<input type="checkbox"/> Allowance	<input type="checkbox"/> Advisory Action
<input type="checkbox"/> Examiner's Answer <small>(Including Supplemental)</small>	<input type="checkbox"/> Reply Brief Noted	<input type="checkbox"/> Non-Entry of Reply Brief
<input type="checkbox"/> Notice of Defective Appeal Brief	<input type="checkbox"/> Interference SPE <small>Approval for Disposal</small>	<input type="checkbox"/> Suspension SPE <small>(Initial)</small>
<input type="checkbox"/> Allowance After Examiner's Answer	<input type="checkbox"/> SIR Disposal <small>(use only after FAOM)</small>	<input type="checkbox"/> Post-Allowance Communication
<input type="checkbox"/> Miscellaneous Office Letter <small>(With Shortened Statutory Period Set)</small>	<input type="checkbox"/> Notice of Non-Responsive Amendment <small>(With One Month Time Limit Set)</small>	<input type="checkbox"/> Miscellaneous Office Letter <small>(No Response Period Set)</small>
<input type="checkbox"/> Letter Requiring Formal Drawings	<input type="checkbox"/> Supplemental Action	<input type="checkbox"/> Response to a Rule 312 Amendment
<input type="checkbox"/> Restart Time Period <small>(e.g., Missing References)</small>	<input type="checkbox"/> Interview Summary	<input type="checkbox"/> Authorization to Change Previous Office Action SPE <small>(Initial)</small>
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Express Abandonment <small>Date: _____</small>	<input type="checkbox"/> Abandonment After Examiner's Answer

Examiner's Name: Faulkner, D. GAU: 1617